

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-10-18 14:22:46
Date of Next Testing: 2028-10-17 14:22:46
Product Name: Potassium phosphate monobasic
CAS Number: 7778-77-0
Specifications & Purity: AR, ≥99.5%
Lot #: J2409339
SKU #: P104075
Version: 1
Analysis #: 205320

Parameter	Limit Values	Result
Iron(Fe)	0-0.001 (%)	0.00000 %
Sodium(Na)	0-0.02 (%)	0.00830 %
PH(5% in water,25°C)	4.2-4.5	4.40500
Total Nitrogen	0-0.001 (%)	0.00010 %
Sulfate(SO42-)	0-0.003 (%)	0.00000 %
Insoluble matter in H2O	0-0.002 (%)	0.00000 %
Loss on drying	0-0.2 (%)	0.14400 %
(As)Arsenic	0-0.0005 (%)	0.00000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Assay	99.5-100 (%)	99.95000 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
Appearance (P104075)	Colorless or White Powder, Crystals and/or Chunks	Colorless or White Powder, Crystals and/or Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager